Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Monday 05 Dec 2022 until 23:59 on Tuesday 06 Dec 2022

Forecast Issued on Monday 05 Dec 2022 at 02:52

Confidence: High for showery easterly flow turning to a colder, more sheltered northerly flow from Tuesday, but lower confidence for details.

Headline for Monday 05 Dec 2022: Mostly cloudy with showers, these wintry on the tops. Cold.

Mountain weather hazards on Monday 05 Dec 2022

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Sleet	Sleet	Sunny intervals	Sleet	Dull	Dull
Precipitation probability					
30%	30%	20%	20%	20%	20%

Forecast for Monday 05 Dec 2022

Weather: Mostly cloudy, with showers, these falling as sleet at times above 500m. Between showers, some brighter spells are likely, with the odd glimpse of sunshine. Showers gradually easing during the evening with clear spells following. Winds also easing a little, but staying cold.

Chance of cloud-free hill tops above 600m: 40% in east, 70% in west

Low cloud and visibility: Cloud often obscuring hills above 500m, especially in the east. Otherwise very good views away from showers but falling to moderate or poor at times, especially in any snow on the tops.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Forecast for Monday 05 Dec 2022

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	23/30 NE	22/29 NE	20/26 NE	19/26 NE	20/27 NE	18/24 NE	12/19 NE
300	15/22 NE	14/20 NE	14/20 NE	14/21 NE	14/20 NE	12/18 NE	8/14 NE
Valley	10/23 NE	9/22 NE	9/20 NE	10/22 NE	10/21 NE	8/19 NE	6/18 NE

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	2/-5	2/-5	2/-4	2/-4	1/-5	0/-6	0/-5
300	4/-1	4/-1	4/-0	4/-0	4/-1	3/-1	2/-1
Valley	4/1	4/1	5/2	5/1	4/0	4/0	3/0
Freezing Level*	800m	800m	800m	800m	800m	600m	500m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Cold with brisk winds giving a notable chill effect. Snow showers will limit visibility at high levels too, and may lead to some particularly chilly conditions. Icy patches potential forming during the evening.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Mon 05 Dec 2022	3.4mm	5mm	5.2mm

Forecast for Tuesday 06 Dec 2022

Weather: Clear spells overnight, with frost in valleys and summits remaining frozen. Then a bright day, with some winter sunshine. Feeling cold in the brisk winds, especially after dark.

Maximum wind: Northeast 15mph, gusting 20-30mph.

Chance of cloud-free hill tops above 600m: 60% in east, 80% in the west

Low cloud and visibility: Cloud often obscuring hills above 500m, especially in the east. Otherwise very good to excellent views

Temperature: **Valleys:** Minus 2 Celsius rising to Plus 5 Celsius
At 600m: Minus 3 Celsius
Freezing level: 600m

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